

Abstract

An improved battery pack is provided for powering a hand-held portable electronic device such as a wireless telephone, hand-held personal computer, or personal digital assistant. The battery pack includes a generally rectangular battery cell where the battery cell has an upper surface and a lower surface, a length, a width and a thickness suitable for insertion into a hand-held portable device. The battery pack includes a battery cell casing for enclosing an outer perimeter of the battery cell, and the casing has a width equal to the thickness of the battery cell. A first locking latch of a pair of locking latches is defined along a first side of the battery cell casing and a second locking latch of the pair of locking latches is defined along a second side of the battery cell opposite the first locking latch. A locking latch catch is defined along an outer edge of each of the first and second locking latches for engaging latching detents defined within the interior casing of the hand-held electronic device for securing the battery pack within the electronic device. The locking latches are deformable so that the locking latches may deform inward toward the outer surface of the casing between the connection points of the locking latches to the casing so that an outer surface of the locking latches and the locking latch catches may pass by an inner surface of the latching detents.